



PTO/SB/21 (08-03)

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Application Number	10/628,649
Filing Date	July 28, 2003
First Named Inventor	Besterman et al.
Art Unit	NA
Examiner Name	NA
Attorney Docket Number	MET-011DV (1002/012)

Total Number of Pages in This Submission

ENCLOSURES (Check all that apply)

- | | | |
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| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance communication to Technology Center (TC) |
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Remarks

- * PTO form 1449
- * Copies of 15 references
- * Postcard

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Wayne A. Keown, Ph.D. (Reg. No. 33,923)
Signature	<i>W. A. Keown</i>
Date	12/22/03

CERTIFICATE OF TRANSMISSION/MAILING

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12/22/03

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Besterman et al.
Serial No.: 10/628,649
Filed: July 28, 2003
Entitled: ACYL PHOSPH(ON)ATE INHIBITORS OF BETA-LACTAMASES
Examiner: NA
Group Art Unit: NA
Attorney Docket No.: MET-011DV (1002/012)

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants and their attorney are aware of the following publications and information listed on the attached PTO Form 1449, and in accordance with 37 C.F.R. §1.97 hereby submit these publications for the Examiner's consideration.

Applicants state under 37 C.F.R. §1.97(e)(1) that none of the publications were cited in an International Search Report issued in connection with a counterpart Patent Cooperation Treaty application.

Applicants also state that identifiers C1-C7 were previously cited in the parent case U.S. Patent Application Serial No. 09/582,255 and therefore copies of the references are not enclosed in this submission.

Applicants further state that identifiers C25 and C26 are books which are too voluminous to submit herewith.

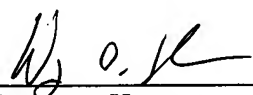


This submission does not represent that a search has been made and does not constitute an admission that the listed documents are material to patentability or that the listed documents are prior art. If it should be determined that any of the listed documents constitute "prior art" under United States law, Applicants reserve the right to present to the Office relevant facts and law regarding the appropriate status of such documents.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits and is therefore submitted as both timely and proper. Therefore, no fees are believed to be due.

Respectfully submitted,

Date: 12/22/03



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Subt. Form PTO-1449 SUPPLEMENTAL INFORMATION DISCLOSURE IN AN APPLICATION (Use several sheets if necessary)	Docket Number MET-011DV	Application Number 10/628,649
	Applicant Besterman et al.	
	Filing Date July 28, 2003	Group Art Unit NA

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	IDENTIFIER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	IDENTIFIER	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	IDENTIFIER	
	~C1	Li, N. et al., "Structure-Activity Studies of the Inhibition of Serine Beta-Lactamases by Phosphonate Monoesters", Bioorg. Med. Chem.; 1997; 5(9)1783-1788, 1997
	C2	Laird, R.M. et al., "Mechanism of Acyl Phosphonate Reactions ..", J. Chem. Soc., Perkin Trans. 2(JCPKBH); (10)1434-6, 1973.
	C3	Kazlauskas, R.J. et al., "synthesis of Methoxycarbonyl Phosphate, New Reagent Having...", J. Org. Chem., 50(7)1069-76, 1985.
	C4	Li, Naixin, "Inhibition of Serine B-Lactamases by Acyl Phosphonates: A New Source of Inert ...", J. of the American Chemical Society; 120(18)4264-8, 1998.
	C5	Pratt, R.F., "Salicyloyl Cyclic Phosphate, a Penicillin-Like Inhibitor of B-Lactamases", J. of the Amer. Chem. Soc., 120(13)3004-06, 1998.
	C6	Song, Y. et al., "Benzylpenicillin Methyl Phosphate. A Penicillin Prodrug ...", Bioorg. Med. Chem. Lett.; 4(10)1225-8, 1994.
	C7	Rahil, J. et al., "Phosphonate Monoester Inhibitors of Class A. Beta-Lactamases", Biochem., 275(3)793-795, 1991.
	✓ C8	Cohen, Science, 257:1051-1055, 1992.
	✓ C9	Neu, Science, 257:1064-1073, 1992.
	✓ C10	Coulton et al., Progress in Medicinal Chemistry, 31:297-349, 1994.
	C11	Dudley, Pharmacotherapy, 15:9S-14S, 1995.
	✓ C12	Sutherland, Trends Pharmacol. Sci., 12:227-232, 1991.
	✓ C13	Chantrenne, Compt. Rend. Trav. Lab. Carlsberg Ser. Chim. 26:297, 1948.
	✓ C14	Maracek et al., J. Am. Chem. Soc., 92:917-921, 1970.
	C15	Kluger et al., Can. J. Chem., 74:2395-2400.
	✓ C16	Waley, "The Chemistry of B-Lactamase", Page Ed., Chapman & Hall, London, 198-228, 1992.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy with next communication to Applicant.

